

IN THE CLAIMS:

Please amend Claims 1, 23, 25 and 30 as shown below. The claims, as pending in the subject application, now read as follows:

1. (Currently amended) A print system, in which a printer and a host computer, each of which includes a communication interface for transmitting and receiving information in real time, are connected to each other to communicate with each other,

the printer comprising:

a read-out unit for reading out image data from a detachable recording medium of the printer;

an operation panel including a plurality of operation members, each for receiving an instruction from a user, wherein the plurality of operation members includes at least a print instruction button, a preview display button, and a print setting button;

a printer engine for performing printing;

an operation panel controller for effecting control so as to cause the printer engine to print the image data read out from the detachable recording medium of the printer if the print instruction button is operated by the user without operating the preview display button, and if one of the print instruction button and the print setting button is operated by the user subsequently to operation of the preview display button, generate a corresponding interruption event to transmit the generated interruption event to the host computer via the communication interface of the printer so that the printer engine effects printing in accordance with a print instruction including print image data being received from the host computer when the print instruction button is operated

subsequently to the operation to the preview display button; and

a transmission unit for transmitting, via the communication interface of the printer, the image data which is read out by the read-out unit, and

the host computer comprising:

an interruption controller for, in response to the preview display button being operated, detecting the interruption event transmitted by the printer;

a receiving unit for receiving, from the printer, the print setting information generated by the printer and the image data read out from the detachable recording medium of the printer, if the interruption controller detects that the interruption event transmitted by the printer is the corresponding interruption event which is generated and transmitted by the operation panel controller of the printer in accordance with the print setting button being operated subsequently to the operation of the preview display button;

a display control unit for causing a display apparatus to effect a print preview display on the basis of the print setting information and image data received by the receiving unit; and

a print instruction generation unit for generating a [[the]] print instruction including print image data and transmitting the generated print instruction to the printer, if the interruption controller detects that the interruption event transmitted by the printer is the corresponding interruption event [[even]] which is generated and transmitted by the operation panel controller of the printer in accordance with the print instruction button being [[is]] operated subsequently to the operation of the preview display button.

2. to 4. (Canceled)

5. (Previously presented) A print system according to claim 1, wherein the printer includes a direct print controller for effecting printing not through the computer so that printing is executable with the printer alone, when the print instruction button is operated.

6. to 19. (Canceled)

20. (Previously presented) A print system according to claim 1, wherein the host computer further comprises a generating unit for receiving image data read out from a detachable memory card of the printer, and generating print data corresponding to the print setting information, from the received image data.

21. (Previously presented) A print system according to claim 1, wherein, at every interruption event which is generated and transmitted by the printer in accordance with the print setting button being operated subsequently to the operation of the preview display button, the display control unit causes the display apparatus to effect the print preview display in which the print setting information changed at every interruption event is reflected.

22. (Previously presented) A print system according to claim 20, wherein the printer starts printing on the basis of the print instruction transmitted by the host computer when the host computer receives the interruption event corresponding to the operation of the print instruction button of the operation panel.

23. (Currently amended) A print system, in which a printer and a host computer, each of which includes a communication interface for transmitting and receiving information in real time, are connected to each other to communicate with each other, the host computer comprising:

a detecting unit for, responsive to a preview the review display button, detecting an interruption event generated and transmitted by the printer;

a receiving unit for receiving image data read out by the printer from a detachable memory card, if the detection unit detects that the interruption event transmitted by the printer is the interruption event which is generated and transmitted by the printer in accordance with a [[the]] print setting button being operated subsequently to the operation of the preview display button;

a print preview display control unit for, in response to the detection of the interruption event which is generated and transmitted by the printer in accordance with the print setting button being operated subsequently to the operation of the preview display button, obtaining a print setting generated by the printer when the print setting button is operated and controlling a display apparatus of the host computer to effect a print preview display by applying the obtained print setting to the received image data so that the print setting is reflected therein; and

a print instruction generation unit for generating a print instruction including print image data and transmitting the generated print instruction to the printer so that the printer effects printing on the basis of the print instruction, if the detecting unit detects that the interruption event transmitted by the printer is the corresponding interruption event [[even]] which is

generated and transmitted by the printer in accordance with a [[the]] print instruction button being [[is]] operated subsequently to the operation of the preview display button.

24. (Previously presented) A print system according to claim 23, wherein the print preview display control unit updates the print preview display every time the print setting is changed in accordance with the operation of the print setting button.

25. (Currently amended) A control method of a print system, in which a printer and a host computer, each of which includes a communication interface for transmitting and receiving information in real time, are connected to each other to communicate with each other, comprising the steps of:

controlling the printer, comprising:

reading out image data from a detachable recording medium of the printer;

receiving an instruction from a user through an operation panel of

the printer, wherein the operation panel includes a plurality of operation members, each for receiving an instruction from a user, the plurality of operation members including at least a print instruction button, a preview display button, and a print setting button;

effecting control so as to print the image data read out from the detachable recording medium of the printer if the print instruction button is operated by the user without operating the preview display button, and if one of the print instruction button and the print setting button is operated by the user subsequently to operation of the preview display button, generate a corresponding interruption event to transmit the generated interruption event to the host computer via the communication interface of

the printer so that the printer engine effects printing in accordance with a print instruction including print image data being received from the host computer when the print instruction button is operated subsequently to the operation to the preview display button of the operation panel;

transmitting to the host computer the image data which is read out in the reading-out step; and

controlling the host computer, comprising:

receiving, from the printer, the print setting information generated by the printer and the image data read out from the detachable recording medium of the detachable recording medium of the printer if the host computer receives the interruption event transmitted by the printer, which is the corresponding interruption event even which is generated and transmitted in the control effecting step of [[by]] the printer in accordance with the print setting button being operated subsequently to the operation of the preview display button;

causing a display apparatus to effect a print preview display on the basis of the print setting information and image data received in the receiving step; and

generating a [[the]] print instruction including print image data and transmitting the generated print instruction to the printer, if the host computer receives the interruption event transmitted by the printer, which is the corresponding interruption event generated and transmitted in the control effecting step of [[by]] the printer in accordance with the print instruction button is operated subsequently to the operation of the preview display button.

26. (Previously presented) A method according to claim 25, wherein the printer controlling step includes a step of effecting printing not through the computer so that printing is executable with the printer alone, when the instruction receiving step receives the instruction from the user with the print instruction button of the operation panel.

27. (Previously presented) A method according to claim 25, wherein the host computer controlling step further comprises a step of receiving image data read out from a detachable memory card of the printer, and generating print data corresponding to the print setting information, from the received image data.

28. (Previously presented) A method according to claim 25, wherein at every interruption event which is generated and transmitted by the printer in accordance with the print setting button being operated subsequently to the operation of the preview display button, the preview display effecting step includes a step of causing the display apparatus to effect the print preview display in which the print setting information changed at every interruption event is reflected.

29. (Previously presented) A method according to claim 27, wherein the printer controlling step includes a step of starting printing on the basis of the print instruction transmitted by the host computer when the host computer receives the interruption event corresponding to the operation of the print instruction button included in the operation panel.

30. (Currently amended) A control method of a print system, in which a printer and a host computer, each of which includes a communication interface for transmitting and receiving information in real time, are connected to each other to communicate with each other, comprising the step of controlling the host computer, comprising:

responsive to a preview the review display button, detecting an interruption event generated and transmitted by the printer;

receiving image data read out by the printer from a detachable memory card thereof, if the detection step detects that the interruption event transmitted by the printer is the interruption event which is generated and transmitted by the printer in accordance with a [[the]] print setting button being operated subsequently to the operation of the preview display button; and

in response to the interruption event which is generated and transmitted by the printer in accordance with the print setting button being operated subsequently to the operation of the preview display button, obtaining a print setting generated when the print setting button of the printer is operated and controlling a display apparatus of the host computer to effect a print preview display by applying the obtained print setting to the received image data; and

generating a [[the]] print instruction and transmitting the [[a]] generated print instruction including print image data to the printer so that the printer effects printing on the basis of the print instruction, if the detecting step detects that the interruption event transmitted by the printer is the interruption event which is generated and transmitted by the printer in accordance with a [[the]] print instruction button being [[is]] operated subsequently to the operation of the preview display button.

31. (Previously presented) A method according to claim 30, wherein the print preview display controlling step includes a step of updating the print preview display every time the print setting is changed in accordance with the operation of the print setting button of the printer.

32. (Previously presented) A print system according to claim 1, wherein the print system is arranged so that in a case where the host computer effects the print preview display, the host computer generates print data and the printer receives the print data generated by the host computer and prints the generated print data, and, in a case where the host computer does not effect the print preview display, the printer generates print data and prints the print data generated thereby.

33. (Previously presented) A print system according to claim 23, wherein the print system is arranged so that in a case where the host computer effects the print preview display, the host computer generates print data and the printer receives the print data generated by the host computer and prints the generated print data, and, in a case where the host computer does not effect the print preview display, the printer generates print data and prints the print data generated thereby.

34. (Previously presented) A control method according to claim 25, further comprising a step of effecting control so that in a case where the host computer effects the print preview display, the host computer generates print data and the printer receives the print data generated by the host computer and prints the generated print data, and, in a case where the host

computer does not effect the print preview display, the printer generates print data and prints the print data generated thereby.

35. (Previously presented) A control method according to claim 30, further comprising a step of effecting control so that in a case where the host computer effects the print preview display, the host computer generates print data and the printer receives the print data generated by the host computer and prints the generated print data, and, in a case where the host computer does not effect the print preview display, the printer generates print data and prints the print data generated thereby.